

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

Data Sheet

Fujitsu CELSIUS H910 Mobile Workstation

High-end workstation power on-the-go

The Fujitsu CELSIUS H910 delivers high-end workstation power in a 43.9 cm (17.3-inch) notebook form factor. Featuring the 2nd generation Intel® Core™ processors and high-end NVIDIA® graphics, the CELSIUS H910 delivers uncompromising performance without tethering you to the office. Secure and reliable, it is ideal for business environments such as high end CAD, digital content creation, virtualization and Virtual Reality.

High-end workstation performance

Highest productivity thanks to mobile workstation performance

- Have a choice of ultra high-end or high-end professional NVIDIA® Quadro® graphics with 336 or 240 CUDA cores; boost productivity with second generation Intel® Core™ i7 Extreme processors with vPro™ technology



Superior performance and reliability

Higher productivity and speed thanks to larger screen and second HDD

- 43.9 cm (17.3-inch) Full HD LED backlight display and RAID 0 support with integrated second HDD

Unlimited connectivity

Online anywhere, anytime

- Optional integrated WLAN, 3G/UMTS and Bluetooth®

Ultimate security

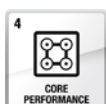
Protect your data from non-authorized access

- Integrated SmartCard reader and fingerprint sensor

ISV certification

Excellent performance and absolute stability in professional environments

- Comprehensive certification for workstation applications under Microsoft® Windows 7



Components

Processor	Intel® Core™ i7-2920XM processor (4 Cores / 8 Threads, 2.50 GHz, 8 MB)	
	Intel® Core™ i7-2820QM processor (4 Cores / 8 Threads, 2.30 GHz, 8 MB)	
	Intel® Core™ i7-2720QM processor (4 Cores / 8 Threads, 2.20 GHz, 6 MB)	
	Intel® Core™ i7-2620M processor (2 Cores / 4 Threads, 2.70 GHz, 4 MB)	
	Intel® Core™ i5-2540M processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB)	
	Intel® Core™ i5-2520M processor (2 Cores / 4 Threads, 2.50 GHz, 3 MB)	
Operating system		
Operating system	Genuine Windows® 7 Professional 64-bit	
Operating system compatible	Genuine Windows® 7 Professional 32-bit	
	Genuine Windows® 7 Professional 64-bit	
	Genuine Windows® XP Professional	
	Genuine Windows® XP Professional x64 Edition	
Operating system notes	Driver support for Microsoft® Windows® XP Professional / 7 Professional	
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
Base unit memory	CELSIUS H910 2 Core	CELSIUS H910 4 Core
Supported capacity RAM (min.)	2 GB	4 GB
Supported capacity RAM (max.)	16 GB	32 GB
Memory slots total	2	4
Memory slot type	DIMM (DDR3)	
Hard disk drives (internal)	SSD SATA, 512 GB, 2.5-inch, full disk encryption	
	SSD SATA, 256 GB, 2.5-inch, full disk encryption	
	SSD SATA, 128 GB, 2.5-inch, full disk encryption	
	SSD SATA, 2x 512 GB, 2.5-inch, full disk encryption	
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 7200 rpm, 2x 500 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 320 GB	
	FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software	
WLAN (optional)	Atheros Minicard b/g/n	
	Intel® Centrino® 6205 802.11 a/b/g/n	
Wireless technologies		
Antennas	2 Dual band WLAN antennas, 2 UMTS antennas	
WLAN notes	Import and usage according to country-specific regulations.	
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s)	
Bluetooth (optional)	Bluetooth 3.0	
Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel	
Modular bay options	Blu-ray Disc™ Triple Writer	
	DVD Super Multi	

Base unit	CELSIUS H910 2 Core	CELSIUS H910 4 Core
General system information		
Chipset	Intel® QM67	
BIOS features	BIOS based on Phoenix SecureCore	
Graphics		
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI	
Graphics brand name	NVIDIA® Quadro® 3000M, NVIDIA® Quadro® 4000M	
Graphics features	DualView	
Dedicated video memory	2 GB (GDDR3 VRAM)	
Interfaces		
DC-in	1	
Audio: in	1	
Audio: out	1	
Internal microphones	1 digital array microphone	
USB 2.0 total	3	
USB 3.0 total	1	
VGA	1	
DisplayPort	1	
Ethernet (RJ-45)	1	
Kensington Lock support	1	
Memory card slots	1 (SD/MS/MSPro)	
Express card slots	1	
SmartCard slot	1	
SIM card slot	1	
eSATA	1	
Wired communication		
LAN	10/100/1000 MBit/s Intel® 82579 LM	
Keyboard		
	Spill-resistant keyboard	
	Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	
	TouchStick (optional)	
	Touchpad with two mouse buttons and scroll via fingerprint sensor	
	Second set of mouse buttons	
	EcoButton	
	LockWorkstation button	
	MobilityCenter button	
	Fingerprint sensor	
Multimedia		
Audio type	On board	
Audio codec	Realtek ALC269	
Audio features	Stereo speakers, Internal microphone	
Camera	Optional: Built-in webcam, 2.0 megapixel, VGA camera	
Power supply		
AC adapter	19 V / 210 W (11.05 A)	
Rated voltage range	100 V - 240 V (AC Input)	
Rated frequency range	50 Hz - 60 Hz	
1st battery	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh	
Battery features	Dynamic charge supported (rapid charge)	
Benchmark	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)	
Runtime 1st battery	up to 3 h	

Power supply

Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
----------------------	---

Dimensions / Weight / Environmental

Dimensions (W x D x H)	417 x 287 x 33/44 mm
Weight	4.25 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)

Additional Software

Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Fujitsu Recovery (Hard Disk Based Recovery)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)

Manageability

Manageability features	DeskUpdate Driver management iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up) Intel® vPro™ technology
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
Supported standards	WMI PXE BootP (made4you) WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security

Physical security	Kensington Lock support
System security	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version
User security	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

Compliance

Product	CELSIUS H910
Germany	GS

Compliance

Europe	CE
USA/Canada	cCSAus FCC Class B (depending on wireless configuration)
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Port Replicator interfaces (optional)

DC-in	1
Power on switch	1
Audio: line-in	1
Audio: line-out	1
USB 2.0 total	4
DisplayPort	1
VGA	1
DVI	1
Serial (RS-232)	1
Ethernet (RJ-45)	1
Kensington Lock support	1
eSATA	1

Warranty

Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (depending on county specific requirements)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

MicroSaver® Master Access DS,
MicroSaver® DS
MicroSaver® DS
Ultra thin



Losing your notebook is unthinkable. Protect your computer with incomparable security, the disc lock. The most advanced disc locking technology is featured with carbon tempered steel core cable, external braided steel sheath, and patented T-Bar. This model offers the Master Access solution. The Kensington MicroSaver® DS Keyed Ultra-Thin Notebook Lock is designed for the ultimate defense of even the thinnest notebook. The nearly impenetrable disk style keyed locking mechanism along with an advanced cable design provides greater security.

Order Code:
S26361-F1650-L900

Privacy filter



Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique micro-louver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.

Order Code:
S26391-F6097-L144

Backpack A18



This stylish backpack with optimized design to carry big notebooks. One compartment for notebook and additional space for documents; in the front two compartment, the top one for mobile, pen or keys, the lower one for AC adapter and cable. Order Code: S26391-F119-L162

More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H910, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H910, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/celsius>

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.

Please find further information at <http://www.fujitsu.com/global/about/environment/>



Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see http://ts.fujitsu.com/terms_of_use.html

Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

Contact

FUJITSU Technology Solutions
Website: <http://ts.fujitsu.com>
2011-03-31 CE-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions